MEDION MD1772IE

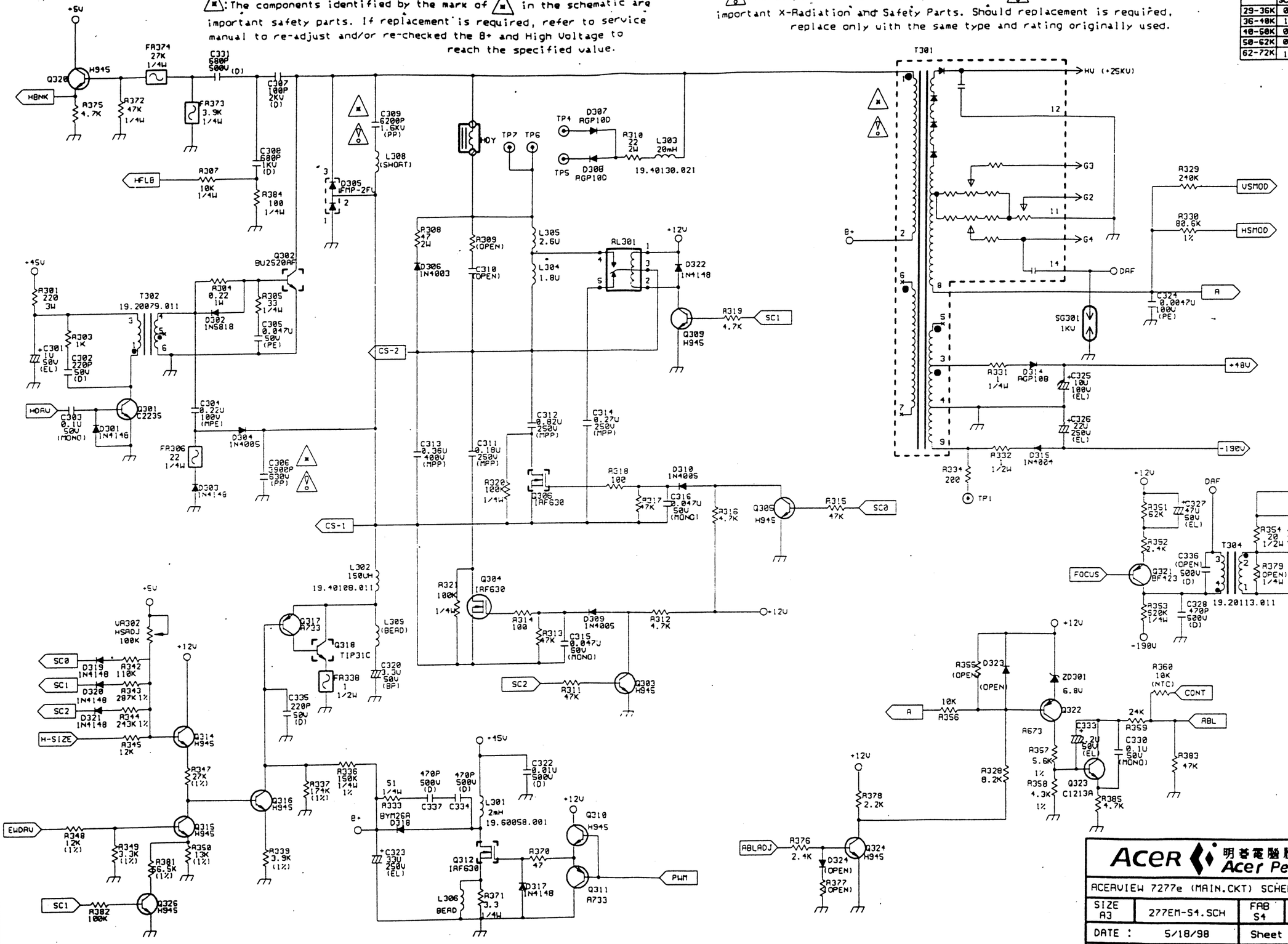
MODEL

SERVICE MANUAL

⚠: The components identified by the mark of ⚠ in the schematic are important safety parts. If replacement is required, refer to service manual to re-adjust and/or re-checked the B+ and High Voltage to reach the specified value.

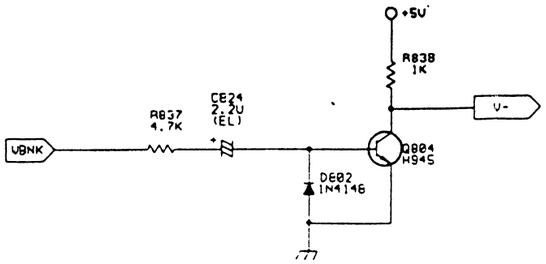
⚠: The components identified by the mark of ⚠ in the schematic are important X-Radiation and Safety Parts. Should replacement is required, replace only with the same type and rating originally used.

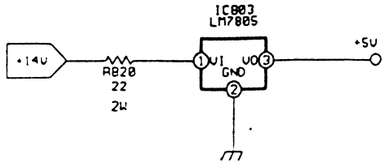
	SC2	SC1	SC0
29-36K	0	0	0
36-48K	1	0	0
48-58K	0	0	1
58-62K	0	1	1
62-72K	1	1	1

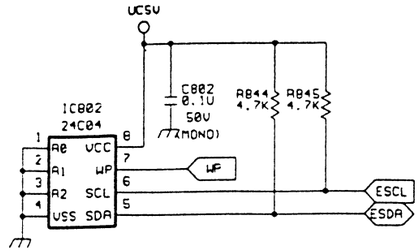


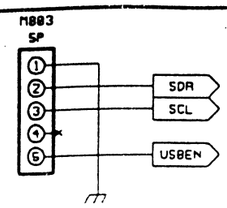
NOTES: 1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
2. All resistors are 1/8 watt, 5% except where otherwise indicated
3. ⏚ ⏚ ⏚ Represents PCB common ground.

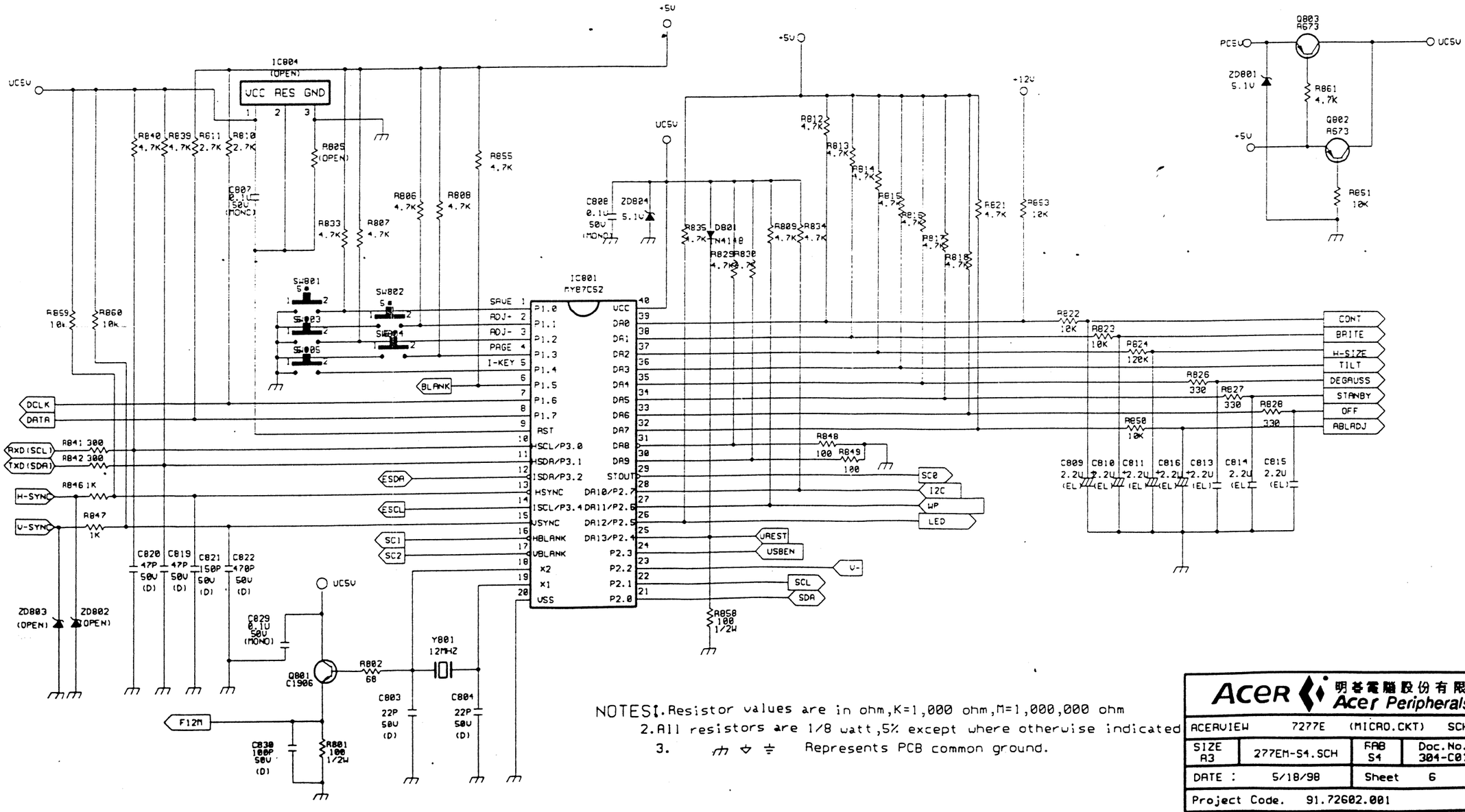
Acer 明碁電腦股份有限公司 Acer Peripherals, Inc.			
ACERVIEW 7277e (MAIN.CKT) SCHEMATICS			
SIZE A3	277EM-S4.SCH	FAB S4	Doc.No. 304-C01 REV. 0
DATE : 5/18/98		Sheet 1 OF 6	
Project Code. 91.70602.001			
Prepared By	Revieued By	Approved By	
PDA/Annabel Hsiao 05/18/98	PDA/Joe Chien 05/18/98	PDA/Daven Wu 05/18/98	





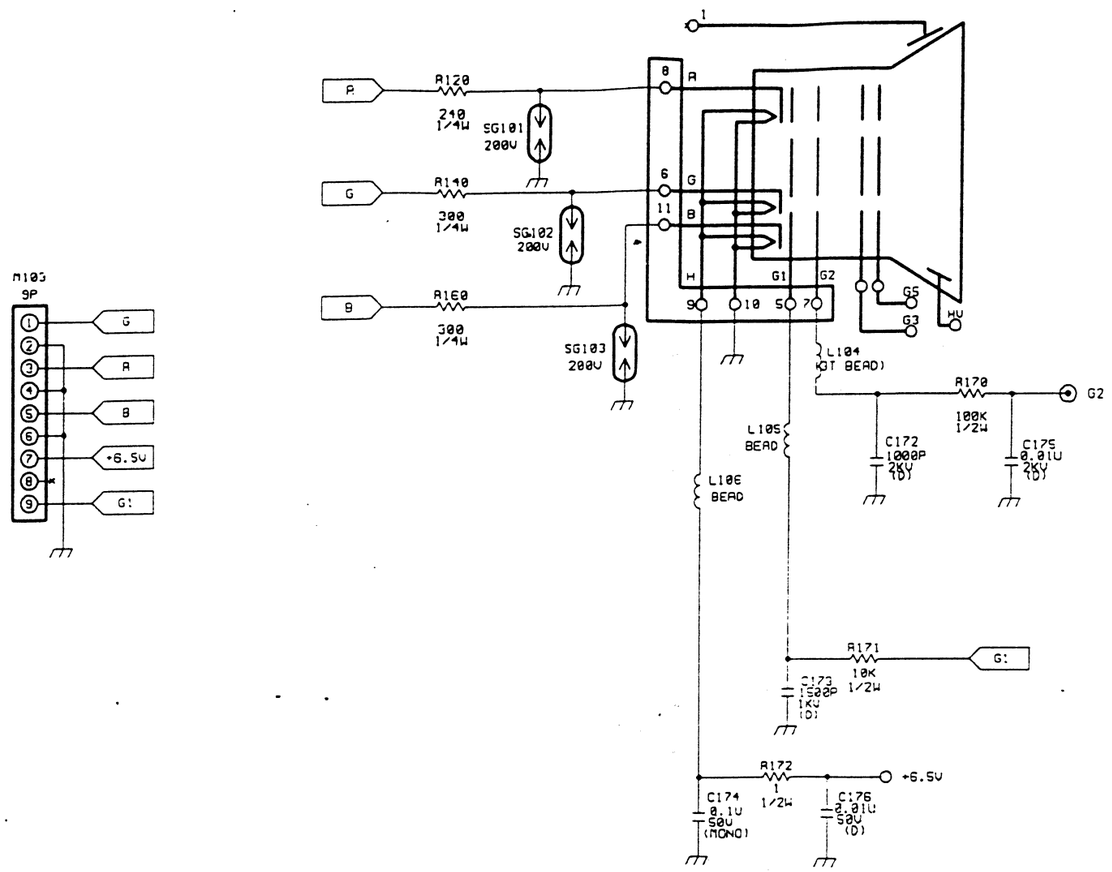






NOTES:1.Resistor values are in ohm,K=1,000 ohm,M=1,000,000 ohm
2.All resistors are 1/8 watt,5% except where otherwise indicated
3. ⏚ ⏚ ⏚ Represents PCB common ground.

ACER 明碁電腦股份有限公司 Acer Peripherals,Inc.				
ACERVIEW 7277E (MICRO.CKT) SCHEMATIC				
SIZE A3	277EM-S4.SCH	FAB S4	Doc.No. 304-C01	REV. 0
DATE : 5/18/98		Sheet 6 OF 6		
Project Code. 91.72602.001				
Prepared By	Reviewed By	Approved By		
PDA/Annabel Hsiao 05/18/98	PDA/Mike Tung 05/18/98	PDA/Daven Wu 05/18/98		



NOTES:
1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
2. All resistors are 1/8 watt, 5% except where otherwise indicated
3. ⏚ ⏚ ⏚ Represents PCB common ground.

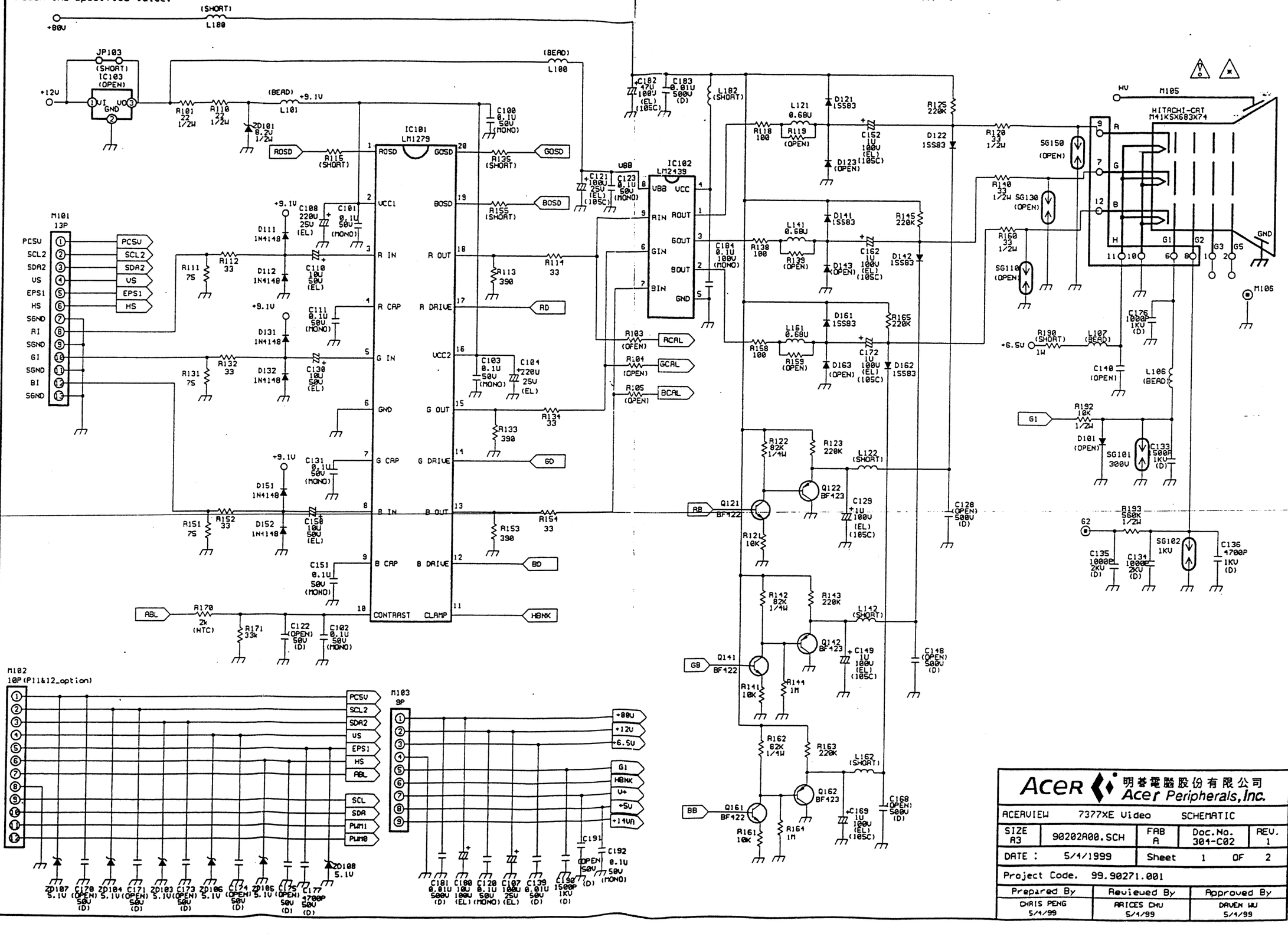
Acer 明碁電腦股份有限公司 Acer Peripherals, Inc.				
ACERVIEW 7277E (CAT.CKT) SCHEMATIC				
SIZE A3	277EC-S4.SCH	FAB S4	Doc.No. 301-C02	REV. 0
DATE : 5/18/98		Sheet 1 OF 1		
Project Code. 91.70602.001				
Prepared By	Reviewed By	Approved By		
PDR/Annabel Hsiao 05/18/98	PDR/Joe Chien 05/18/98	PDR/Daven Wu 05/18/98		

⚠ : The components identified by the mark of ⚠ in the schematic are important safety parts. If replacement is required, refer to service manual to re-adjust and/or re-checked the B+ and High Voltage to reach the specified value.

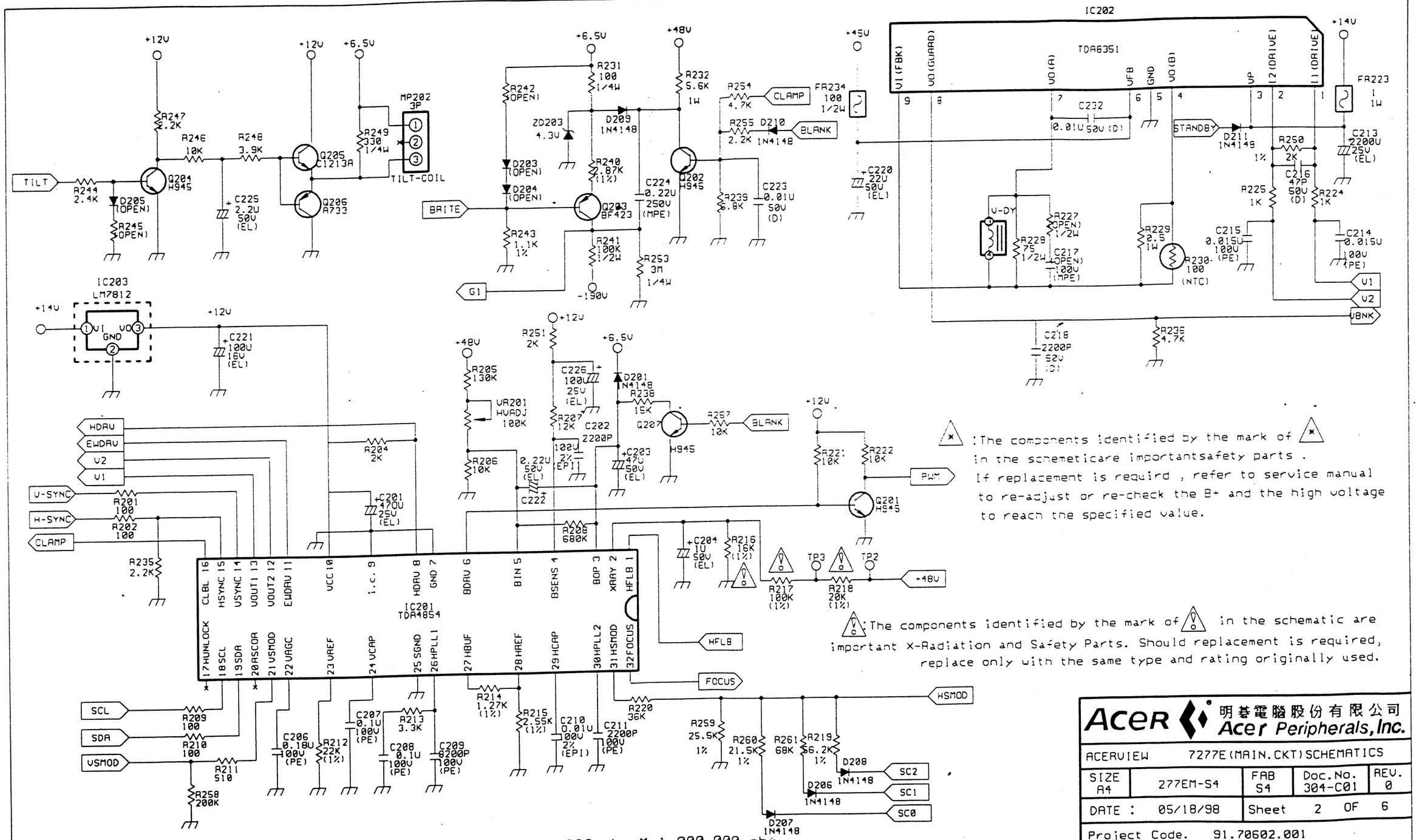
⚠ : The components identified by the mark of ⚠ in the schematic are important X-Radiation and Safety Parts. Should replacement is required, replace only with the same type and rating originally used.

NOTES:

1. Resistor Values are in ohm, k=1,000ohm, M=1,000,000ohm
2. All resistors are 1/8W, 5% except where otherwise indicated
3. ⏚ ⏚ ⏚ Represents PCB common ground.



Acer 明碁電腦股份有限公司 Acer Peripherals, Inc.				
ACERVIEW	7377XE Video	SCHEMATIC		
SIZE A3	90202A00.SCH	FAB A	Doc.No. 304-C02	REV. 1
DATE : 5/4/1999		Sheet 1 OF 2		
Project Code. 99.90271.001				
Prepared By	Revieued By	Approved By		
CHRIS PENG 5/4/99	ARICES CHU 5/4/99	DAVEN WU 5/4/99		

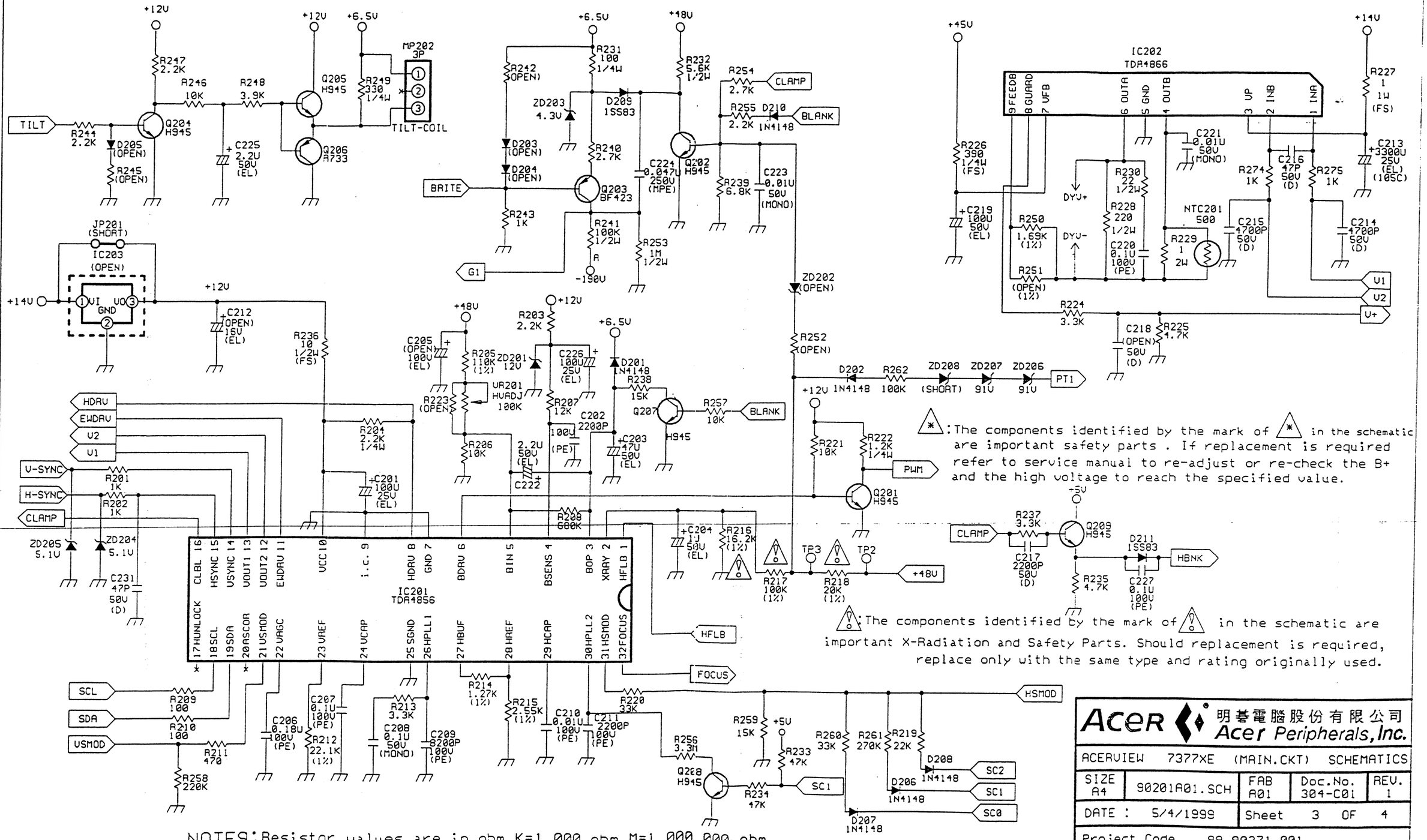


⚠ : The components identified by the mark of ⚠ in the schemeticare importantsafety parts . If replacement is reqiird , refer to service manual to re-adjust or re-check the B+ and the high voltage to reach the specified value.

⚠ : The components identified by the mark of ⚠ in the schematic are important X-Radiation and Safety Parts. Should replacement is required, replace only with the same type and rating originally used.

NOTES: 1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
2. All resistors are 1/8 watt, 5% except where otherwise indicated
3. ⏚ ⏚ ⏚ Represents PCB common ground.

Acer 明碁電腦股份有限公司 Acer Peripherals, Inc.				
ACERVIEW 7277E(MAIN.CKT)SCHEMATICS				
SIZE A4	277EM-S4	FAB S4	Doc.No. 304-C01	REV. 0
DATE : 05/18/98		Sheet 2 OF 6		
Project Code. 91.70602.001				
Prepared By	Reviewed By	Approved By		
PDA/Annabel Hsiao 05/18/98	PDA/Joe Chien 05/18/98	PDA/Daven Wu 05/18/98		



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NOTES: 1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
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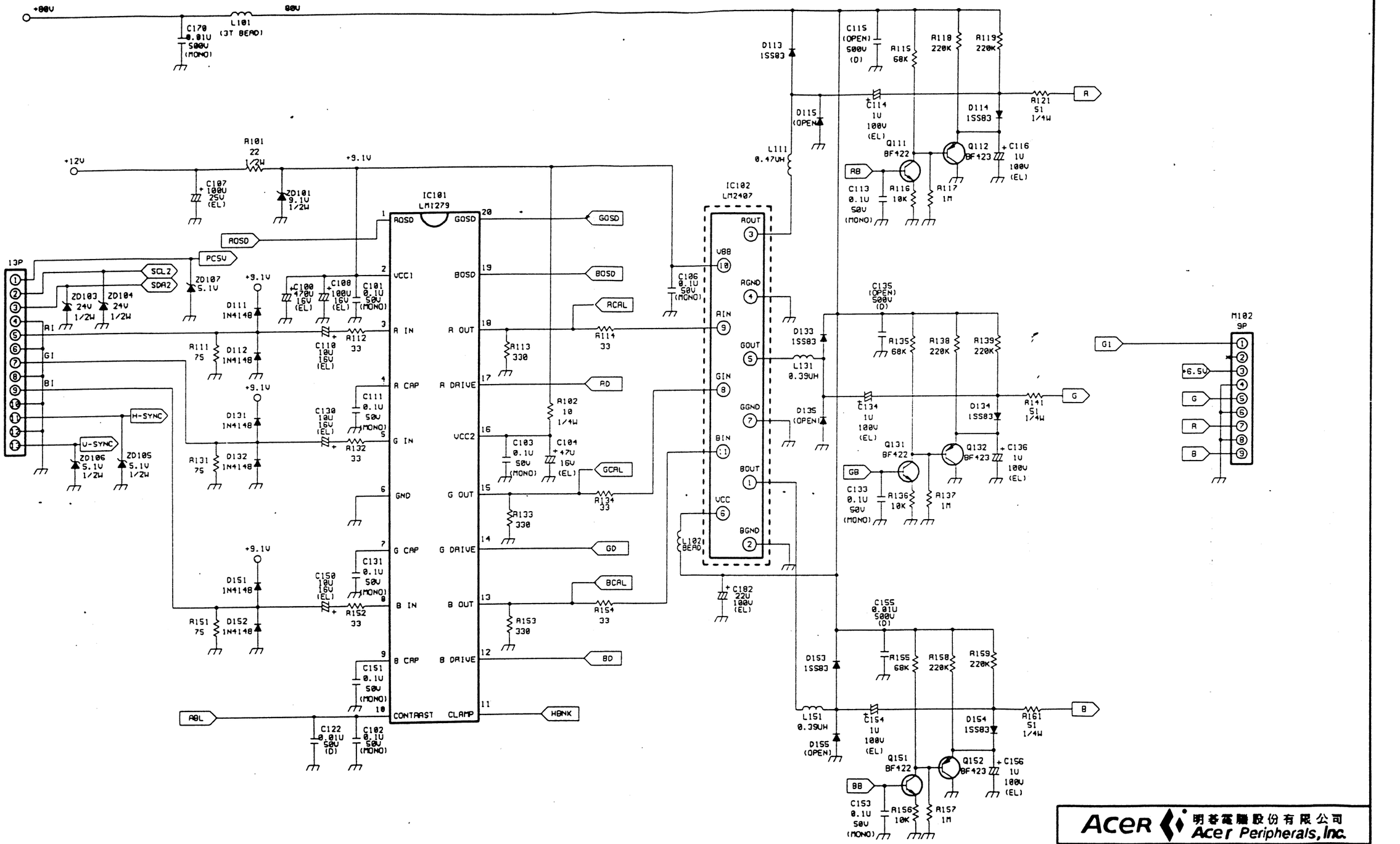
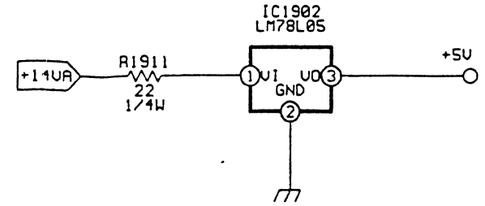
3. ⏚ ⏚ ⏚ Represents PCB common ground.

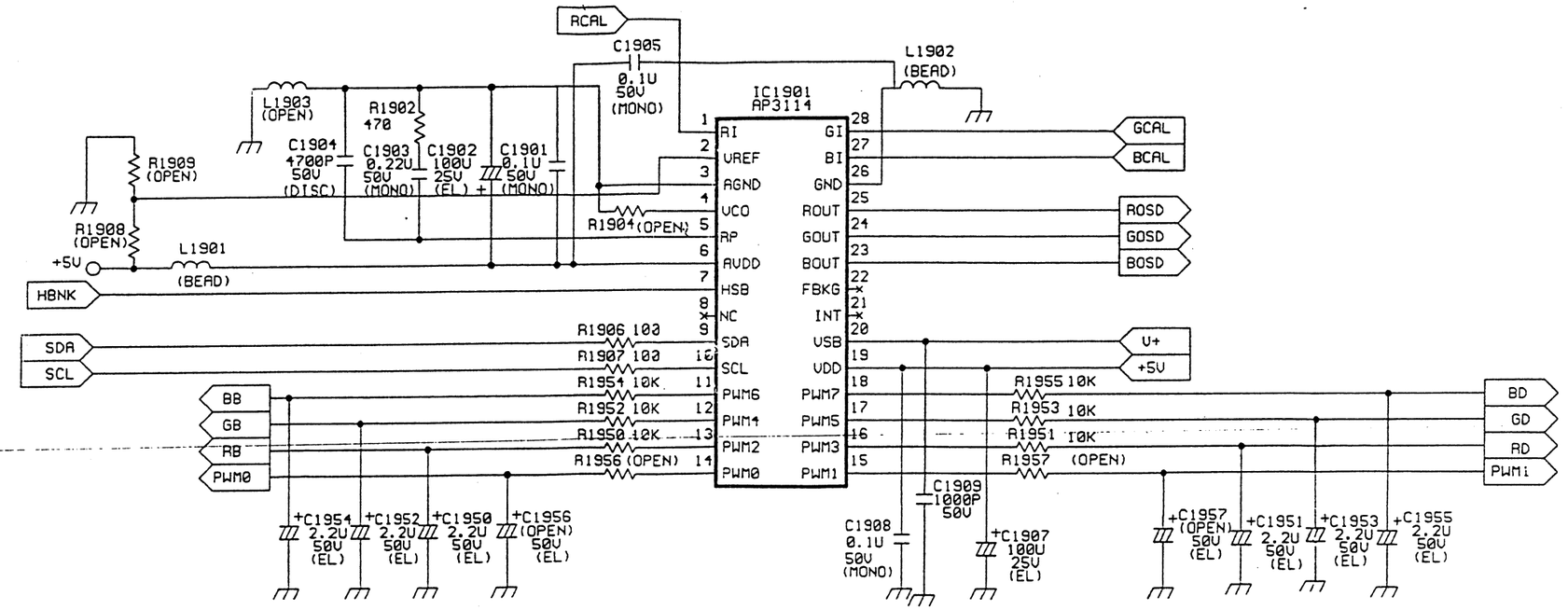
Acer 明碁電腦股份有限公司 Acer Peripherals, Inc.				
ACERVIEW 7377XE (MAIN.CKT) SCHEMATICS				
SIZE A4	90201A01.SCH	FAB A01	Doc.No. 304-C01	REV. 1
DATE : 5/4/1999		Sheet 3 OF 4		
Project Code. 99.90271.001				
Prepared By	Revieued By	Approved By		
CHRIS PENG 5/4/99	ARIES CHU 5/4/99	DAVEN WU 5/4/99		



ACER 明碁電腦股份有限公司 Acer Peripherals, Inc.			
ACERVIEW 7277E (VIDEO) SCHEMATIC			
SIZE A3	277EM-S4.SCH	FAB S4	Doc.No. 304-C01 REV. 0
DATE : 5/18/98	Sheet 3 OF 6		
Project Code. 91.70602.001			
Prepared By	Reviewed By	Approved By	
PDR/Annabel Hsiao 05/18/98	PDR/Joe Chien 05/18/98	PDR/Daven Wu 05/18/98	



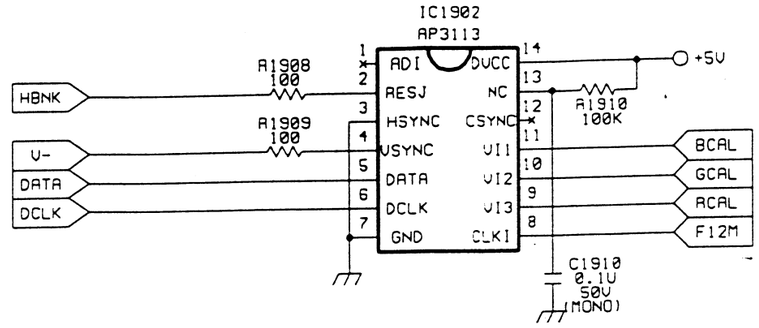
[OSD & Auto Calibration]



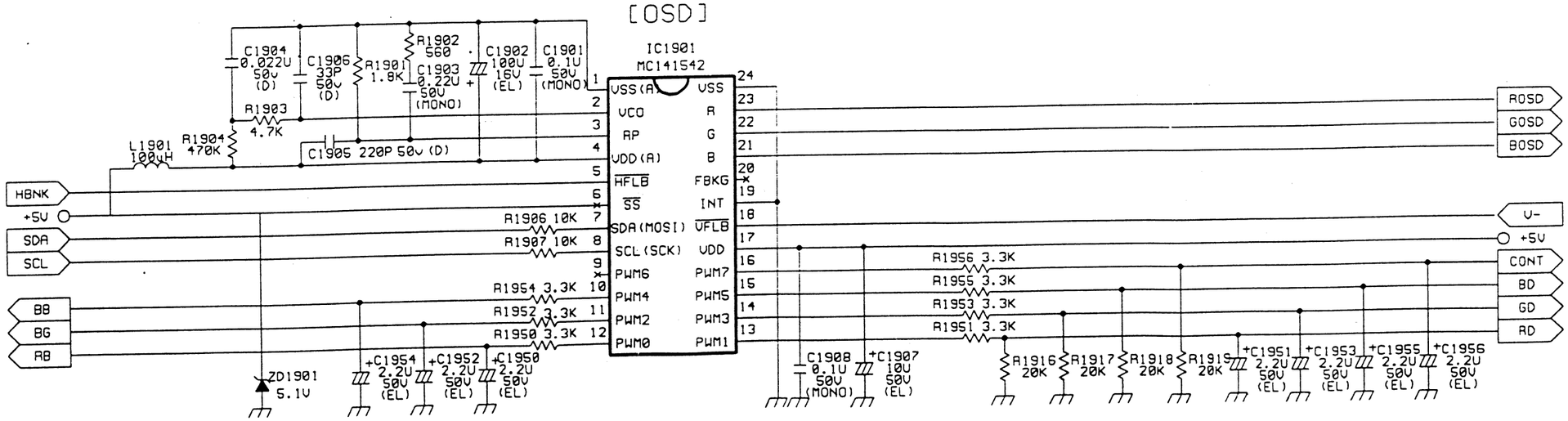
NOTES:
1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
2. All resistors are 1/8 watt, 5% except where otherwise indicated
3. ' ' ' Represents PCB common ground.

Acer 明碁電腦股份有限公司 Acer Peripherals, Inc.				
ACERVIEW 7377XE(OSD) SCHEMATICS				
SIZE A4	90202A00.SCH	FAB A	Doc.No. 304-C02	REV. 0
DATE : 5/4/1999		Sheet 2 OF 2		
Project Code. 99.90271.001				
Prepared By	Revieued By	Approved By		
CHRIS PENG 5/4/99	ARICES CHU 5/4/99	DAVEN WU 5/4/99		

[Auto Calibration]



[OSD]



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Acer 明碁電腦股份有限公司 Acer Peripherals, Inc.				
ACERVIEW 7277E(MAIN.CKT) SCHEMATICS				
SIZE A4	277EM-S4.SCH	FAB S4	Doc.No... 304-C01	REV. 0
DATE : 5/18/98		Sheet 5 OF 6		
Project Code. 91.72602.001				
Prepared By	Revieued By	Approved By		
PDA/Annabel Hsiao 05/18/98	PDA/Mike Tung 05/18/98	PDA/Daven Wu 05/18/98		

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⚠ : The components identified by the mark of ⚠ in the schematic are important X-Radiation and Safety Parts. Should replacement is required, replace only with the same type and rating originally used.

	SC2	SC1	SC0
29-36K	0	0	0
36-40K	1	1	0
40-50K	0	0	1
50-62K	0	1	1
62-72K	1	1	1

SW301
COM H-CENTER
(OPEN)

T301
19.70056.001

T302
19.60017.031

T303
19.20113.001

L302
150UH
19.40108.011

L303
(OPEN)
19.40159.001

L304
10UH
19.50051.001

L306
BEAD

L309
(BEAD)

L301
850UH
19.60058.001

M303
4P

M301
10P

SG301
1KU

VR302
HSADJ
(OPEN)

NOTES:
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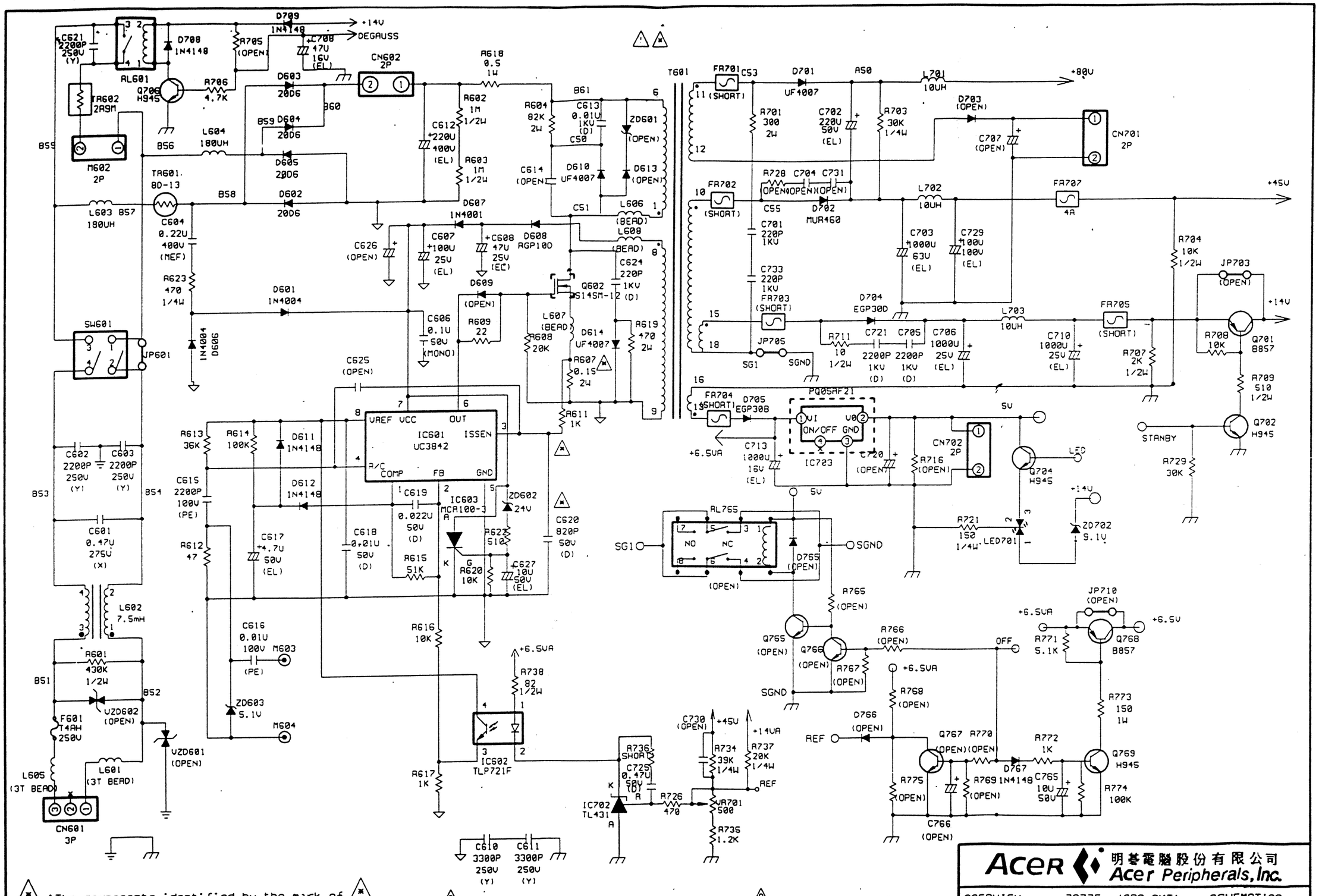
2. All resistors are 1/8 watt, 5% except where otherwise indicated
3. ⏚ ⏚ ⏚ Represents PCB common ground.

Acer 明碁電腦股份有限公司 Acer Peripherals, Inc.			
ACERVIEW 7377XE (MAIN.CKT) SCHEMATICS			
SIZE A3	90201A01.SCH	FAB A01	Doc.No. 301-C01 REV. 1
DATE : 5/1/1999		Sheet 2 OF 4	
Project Code. 99.90271.001			
Prepared By	Revieued By	Approved By	
CHRIS PENG 5/1/99	ARIES CHU 5/1/99	DAVEN WU 5/1/99	



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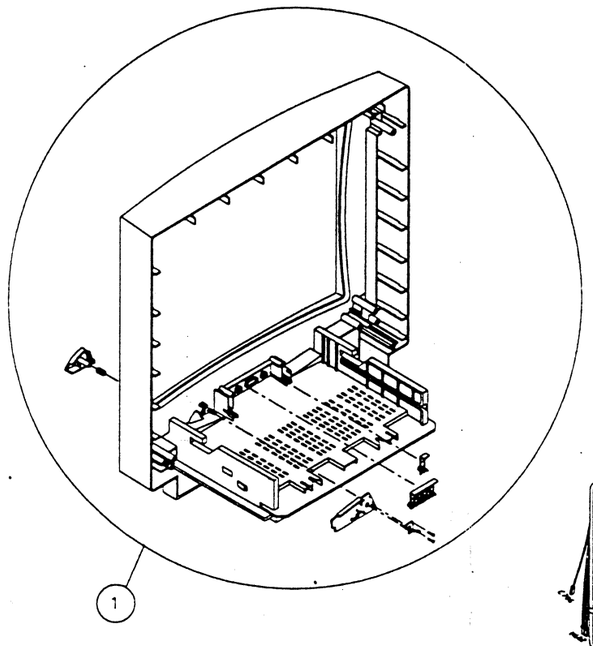
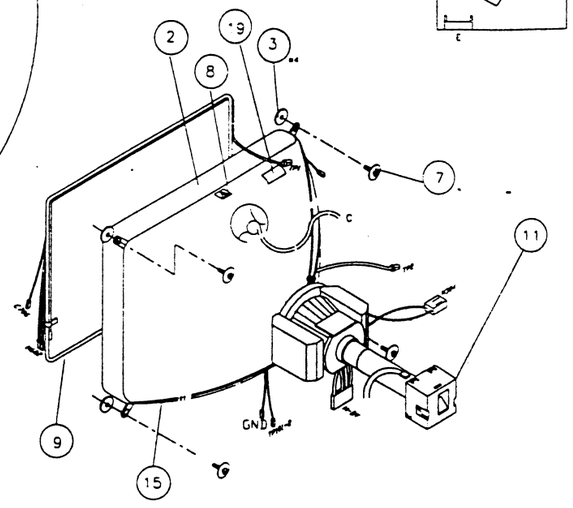
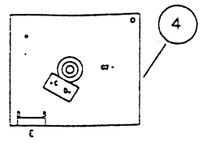
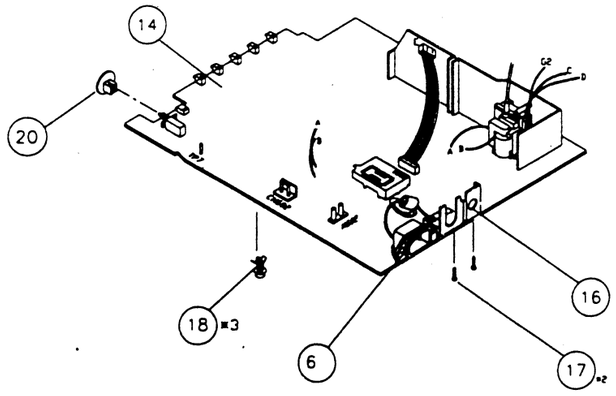
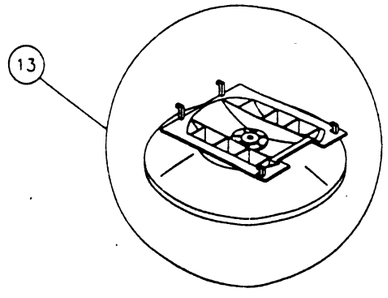
Acer 明碁電腦股份有限公司 Acer Peripherals, Inc.				
ACERVIEW	7277E (SPS.CKT)		SCHEMATICS	
SIZE A3	277EM-S4.SCH	FAB S4	Doc. No. 304-C01	REV. 0
DATE : 5/18/98		Sheet 4	OF 6	
Project Code. 91.70602.001				
Prepared By	Revieued By	Approved By		
PDR/Annabel Hsiao 05/18/98	PDR/GEORGE Sheu 05/18/98	PDR/Daven Wu 05/18/98		

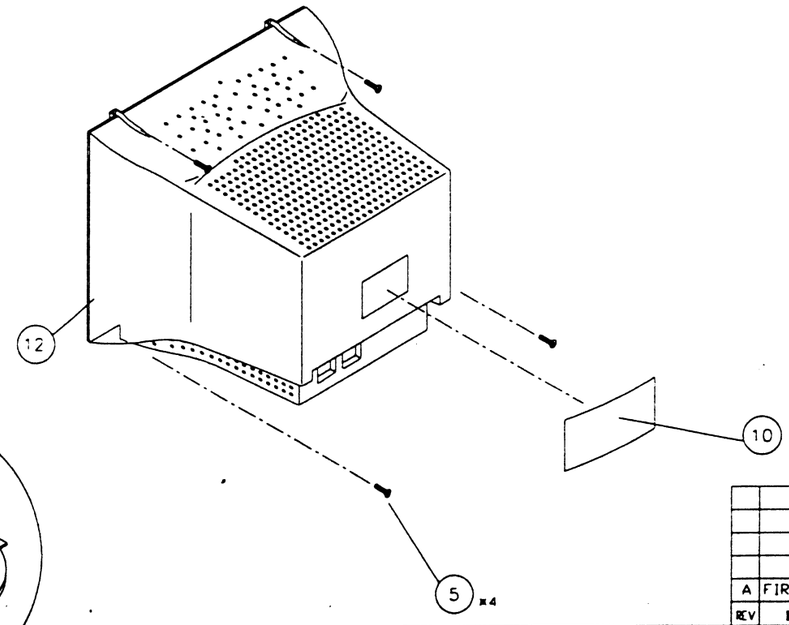












ITEM NO.	PART NO	DESCRIPTION	HAZDOUS MATERIAL CONTENTS	QTY
1	68.70604.XXX	ASSY BEZEL ABS	PLEASE REFER TO ASSY DRAWING	1
2	56.85724.XXX	CRT 17"	ZINC,ANTIMONY,LEAD	1
3	47.73101.001	SPACER CRT	X	4
4	55.70602.XXX	PCB BD CRT	COPPE, TIN	1
5	86.PA526.160	SCREW TAP M4*16L	X	4
6	86.80018.161	SCRW TAPTILE TRS	X	1
7	86.00031.280	SCREW HEX W/WASHER M3*26L	X	4
8	45.71502.00X	LBL WARN HV ART 7015	X	1
9	19.90049.XXX	DEGAUTION COIL	LEAD,COPPER,ZINC,TIN,NICKEL	1
10	48.77902.00X	LABEL SPEC	X	1
11	34.70602.00X	SHIELDING CRT BD	TIN	1
12	39.70604.XXX	UPPER CASE	X	1
13	60.70606.XXX	ASS'Y BASE	X	1
14	55.70601.XXX	MAIN PCB	COPPE, TIN	1
15	50.70602.XXX	WIRE ASS'Y 4P BRAID	COPPER	1
16	33.70601.00X	REAR BRKT	ZINC	1
17	86.VD424.BR0	SCREW	X	2
18	42.70606.00X	SPACER PCB	X	3
19	45.73701.00X	LBL HV WARN ART 7033D	X	1
20	42.70632.001	LINK PWR	X	1
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				

* Hazardous materials are defined as the compounds C1–C18 in appendix 2 of the "European Communities Council Directive of 12 December 1991 on Hazardous Waste" (91/689/EEC). This includes beryllium, arsenic, selenium, cadmium, chromium(VI)–, cobolt–, copper–, zinc–, orsenic–, selenium–, silver–, cadmium–, tin–, antimony–, tellurium–, barium– (except borium phospate), mercury–, nickel–, thallium– and lead compounds.

REV	DESCRIPTION	SIGN	DATE
A	FIRST ISSUE		

UNITS OF ASSEMBLY	7277E/ACER	NAME	ASS'Y DRAWING
DRN	E.R LIAO 9-8-95	MATERIAL	
DSN		FINISH	
CKD			
APPD		Acer Peripherals, Inc.	

SCALE: 1/2 — DRN IN: M.M

LIMITS UNLESS OTHERWISE NOTED:

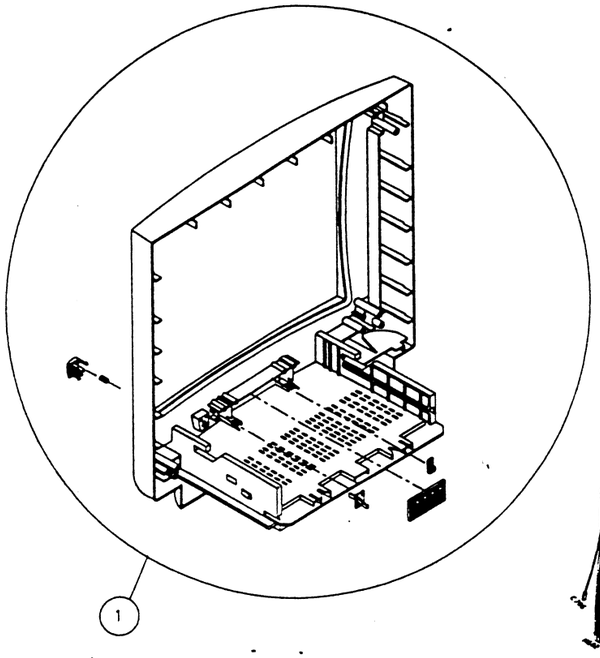
1~6	±0.1	201~1000	±0.5	MOLD NO.	
6~30	±0.2	1001~2000	±1.2		
30~100	±0.3	2001~	±2.0	SHEET	
100~200	±0.5	mm	±1/2°	1 OF 1	

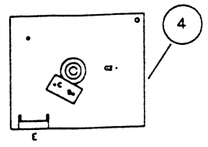
DRAWING NO. 57.70602.001

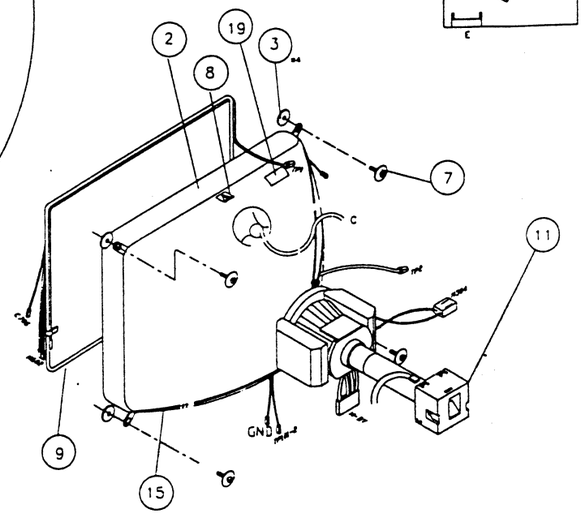
MODEL 7277E PROJECT CODE:91.70602.001 DOC NO:407-C04 REV:0 PAGE:1OF1

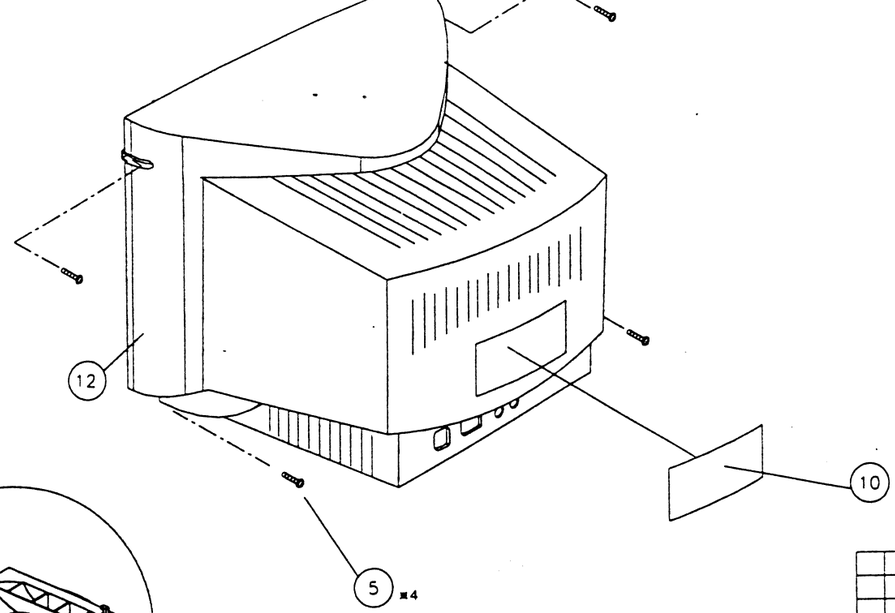
ITEM NO.	PART NO	DESCRIPTION	HAZDOUS MATERIAL CONTENTS	QTY
1	60.70607.XXX	ASSY BEZEL	PLEASE REFER TO ASSY DRAWING	1
2	56.05724.XXX	CRT 17"	ZINC,ANTIMONY,LEAD	1
3	47.73101.001	SPACER CRT	X	4
4	55.70602.XXX	PCB BB CRT	COPPE, TIN	1
5	86.P4S26.160	SCREW TAP M4*16L	X	4
6	86.00016.161	SCRW TAPTILE TRS	X	1
7	86.00046.288	SCREW M3*8BL	X	6
8	45.71302.001	LBL WARR HV ART 7015	X	1
9	35.90049.XXX	DEGAUTION COIL	LEAD,COPPER,ZINC,TIN,NICKEL	1
10	40.77902.007	LABEL SPEC	X	1
11	34.70602.001	SHIELDING CRT BD	TIN	1
12	60.70608.XXX	ASSY U/C	X	1
13	60.70609.XXX	ASSY BASE	X	1
14	55.70601.XXX	MAIN PCB	COPPE, TIN	1
15	38.70602.XXX	WIRE ASS'Y 4P BRAID	COPPER	1
16	33.70601.001	REAR BRKT	ZINC	1
17	86.W3424.001	SCREW	X	2
18	42.70606.001	SPACER PCB	X	3
19	45.73701.001	LBL HV WARN ART 7033D	X	1
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				

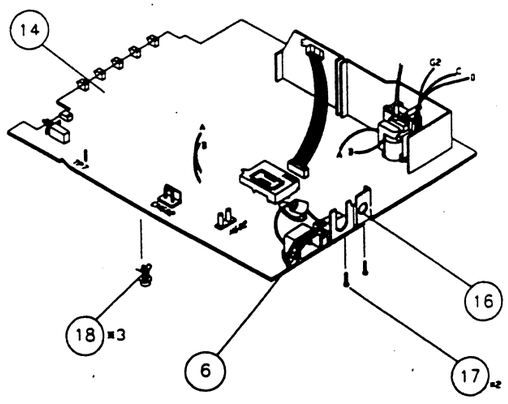
* Hazardous materials are defined as the compounds C1-C18 in appendix 2 of the "European Communities Council Directive of 12 December 1991 on Hazardous Waste" (91/689/EEC). This includes beryllium, arsenic, selenium, cadmium, chromium(VI)-, cobalt-, copper-, zinc-, arsenic-, selenium-, silver-, cadmium-, tin-, antimony-, tellurium-, barium- (except barium phospate), mercury-, nickel-, thallium- and lead compounds.

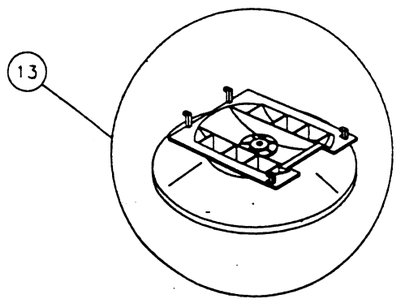












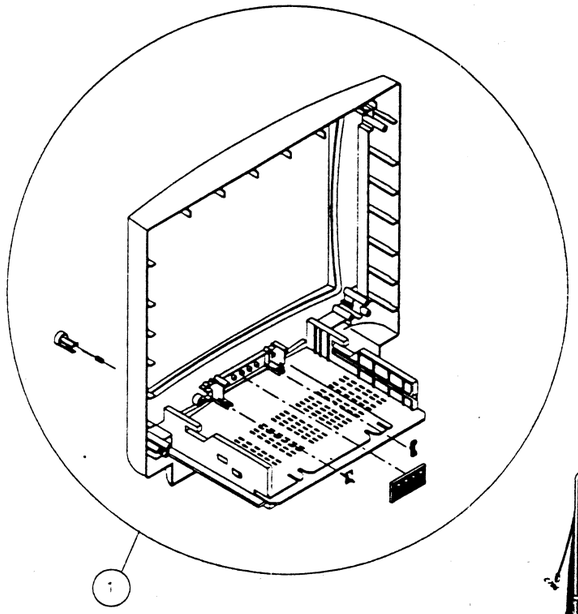
REV	DESCRIPTION	SIGN	DATE
A	FIRST ISSUE	SRL	1407-3-98

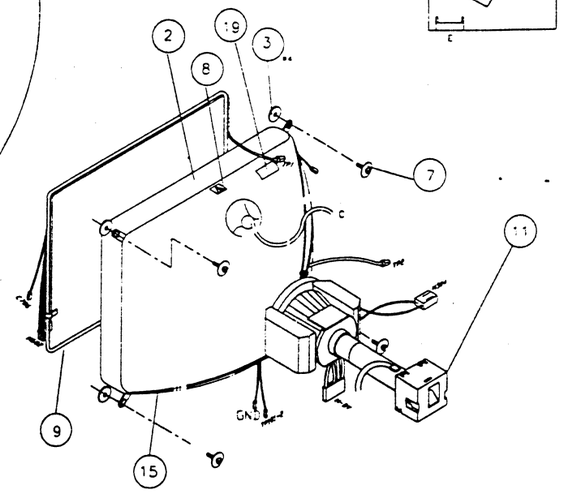
UNITS OR ASSEMBLY	7277E/CHAME	NAME	ASS'Y DRAWING
DRN	S.R. LIAO 98-6-09	MATERIAL	
DSN		FINISH	
CKD			
APPD		Acer Peripherals, Inc.	

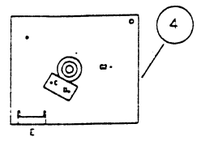
SCALE	DIM IN	M.M
LIMITS UNLESS OTHERWISE NOTED		
1-6	±0.1	±0.5
6-30	±0.2	±1.3
30-100	±0.3	±2.0
100-300	±0.5	±1/2"

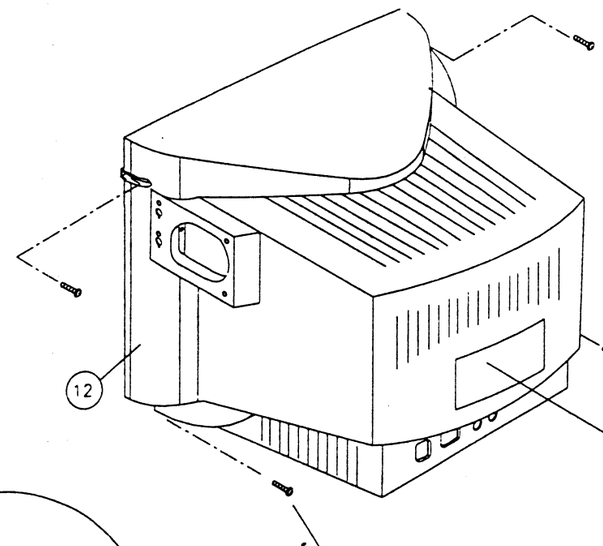
MOLD NO. /
SHEET 1 OF 1
DRAWING NO. 57.70602.108

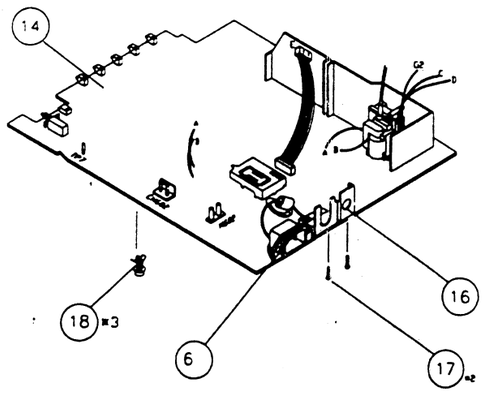
MODEL: 7277E/CHAME PROJECT CODE:91.70602.001 DOC NO:407-C03 REV:0 PAGE:1OF1

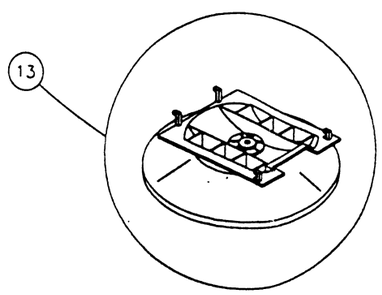












ITEM NO.	PART NO	DESCRIPTION	HAZDOUS MATERIAL CONTENTS	QTY
1	68.70617.XXX	ASSY BEZEL	PLEASE REFER TO ASSY DRAWING	1
2	54.05724.XXX	CRT 17"	ZINC,ANTIMONY,LEAD	1
3	47.73101.001	SPACER CRT	X	4
4	55.70602.XXX	PCB BD CRT	COPPC, TIN	1
5	86.PA526.160	SCREW TAP M4*16L	X	4
6	86.00010.161	SCRW TAPTILE TRS	X	1
7	86.80046.280	SCREW M3*8L	X	4
8	45.71502.001	LBL WARN HV ART 7015	X	1
9	19.90049.XXX	DEGAUTION COIL	LEAD,COPPER,ZINC,TIN,NICKEL	1
10	40.77902.00X	LABEL SPEC	X	1
11	54.70602.001	SHIELDING CRT BD	TIN	1
12	60.70621.XXX	ASSY U/C W/SPEAKER	X	1
13	60.70609.XXX	ASS'Y BASE	X	1
14	55.70601.XXX	MAIN PCB	COPPC, TIN	1
15	50.70602.XXX	WIRE ASS'Y 4P BRAID	COPPER	1
16	33.70601.00X	REAR BRKT	ZINC	1
17	86.WD424.8R0	SCREW	X	2
18	42.70606.00X	SPACER PCB	X	3
19	45.73701.00X	LBL HV WARN ART 7033D	X	1
20				
21				
22				
23				
24				
25				
26				
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29				
30				
31				

* Hazardous materials are defined as the compounds C1-C18 in appendix 2 of the "European Communities Council Directive of 12 December 1991 on Hazardous Waste" (91/689/EEC). This includes beryllium, arsenic, selenium, cadmium, chromium(VI)-, cobalt-, copper-, zinc-, arsenic-, selenium-, silver-, cadmium-, tin-, antimony-, tellurium-, barium- (except barium phospate), mercury-, nickel-, thallium- and lead compounds.

REV	DESCRIPTION	SIGN	DATE
A	FIRST ISSUE		

UNITS OR ASSEMBLY: 7277E/ASPIRE
NAME: ASS'Y DRAWING
DRN: E.R LIAO 8-6-95
DSN:
CKD:
APPD:
MATERIAL:
FINISH:
Acer Peripherals, Inc.
SCALE: X
DIM IN: M.M
UNITS UNLESS OTHERWISE NOTED
1~6 ±0.1 | 30~1000 ±0.8
6~30 ±0.2 | 1000~2000 ±1.2
30~100 ±0.3 | 2000 ±2.0
100~300 ±0.5 | over ±1/2°
MOLD NO.
SHEET 1 OF 1
DRAWING NO: 57.70602.103

MODEL 7277E PROJECT CODE:91.70602.001 DOC NO:407-C02 REV:0 PAGE:1OF1

ITEM NO.	PART NO	DESCRIPTION	HAZDOUS MATERIAL CONTENTS	QTY
1	60.70602.XXX	ASS'Y BEZEL	PLEASE REFER TO ASSY DRAWING	1
2	96.69704.XXX	CRT 17"	ZINC,ANTIMONY,LEAD	1
3	67.73001.001	SPACER CRT	X	4
4	55.70602.XXX	PCB BD CRT	COPPC, TIN	1
5	86.P4306.160	SCREW TAP WASHER	X	2
6	34.70604.001	SHLD CVR-TOP V/S	X	1
7	86.69031.000	SCREW TAP WASHER M3x6NL	X	4
8	45.71302.001	L.B. VARI HV ART 7013	X	1
9	19.90049.XXX	DEGAUSTION COIL	LEAD,COPPER,ZINC,TIN,NICKEL	1
10	40.77702.001	LABEL SPEC	X	1
11	34.70602.001	SHIELDING CRT BD	TIN	1
12	59.70602.XXX	UPPER CASE	X	1
13	60.70603.XXX	ASS'Y BASE	X	1
14	34.70601.001	HEAT SINK FBT	X	1
15	34.70603.001	SHD CVR-BTM	X	1
16	33.70601.001	GEAR BRKT	ZINC	1
17	42.70603.001	LINK PWR S.W.	TIN	1
18	42.70606.001	SPACER PCB	X	2
19	45.73701.001	L.B. HV VARIN ART 70330	X	1
20	55.70601.XXX	MAIN PCB	COPPC, TIN	1
21	50.70602.XXX	WIRE ASS'Y 4P BRAID	COPPER	1
22	34.70605.001	HEAT SINK IC293	X	1
23	86.00016.161	SCRW TAPTILE TRS	X	1
24	86.XA524.120	SCRW TOP FLT WASHER	X	2
25				
26				
27				
28				
29				
30				
31				

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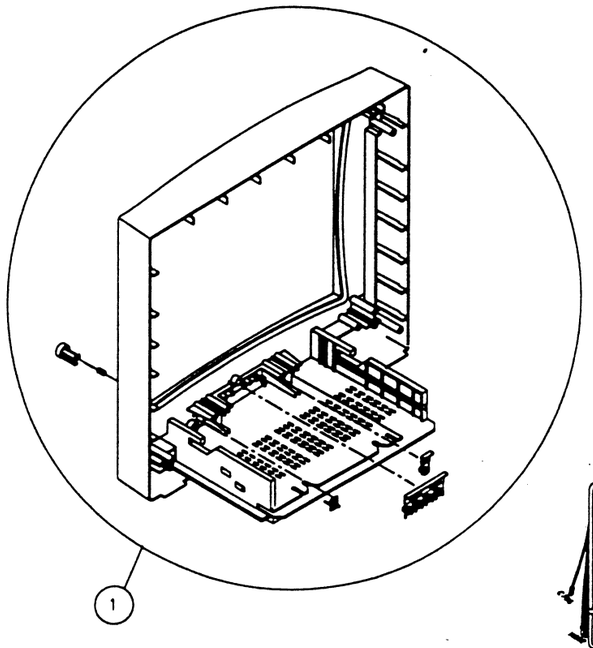

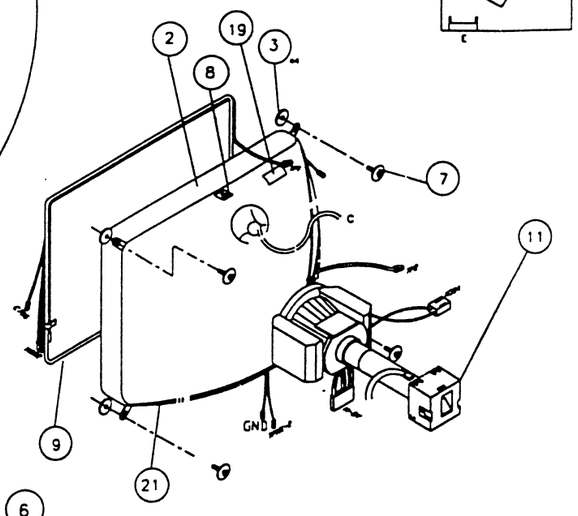

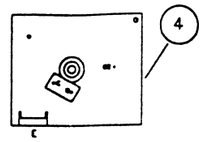

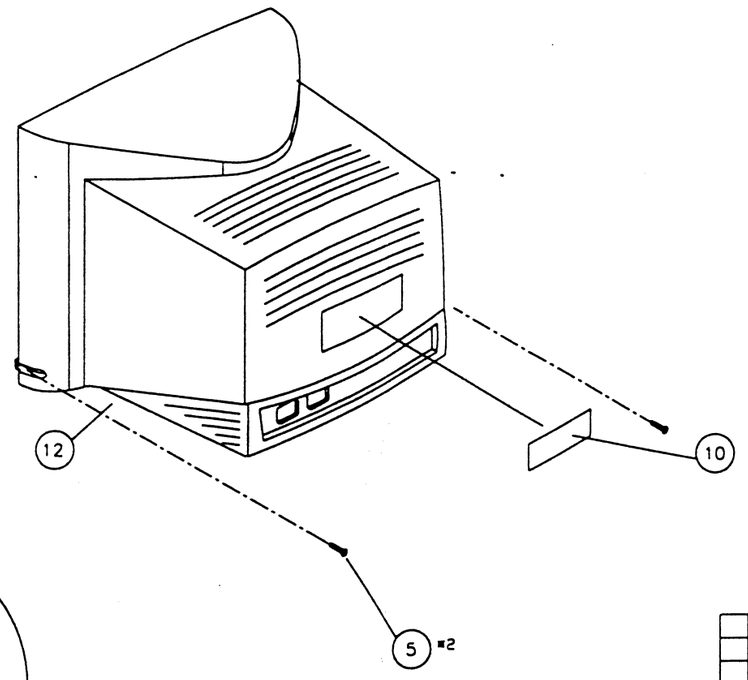

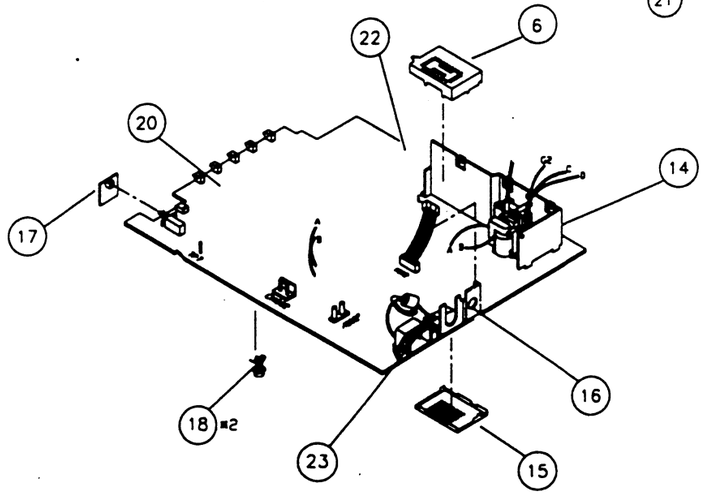

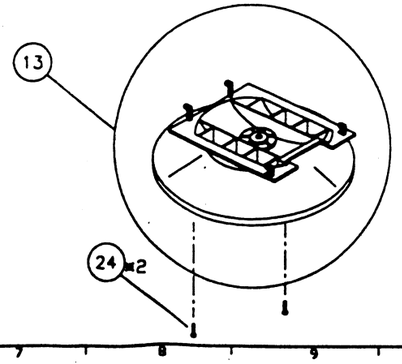

REV	DESCRIPTION	SIGN	DATE
A	FIRST ISSUE		

UNITS OF ASSEMBLY	7277E	NAME	ASS'Y DRAWING
DRN		SCALE	
DSN		MATERIAL	
CKD		FINISH	
APPD			

Acer Peripherals, Inc.

DRAWING NO. 57.70602.XXX

MODEL: 7277E PROJECT CODE:91.70602.001 DOC NO:407-C01 REV:0 PAGE:1OF1